

Application No.: 09/854,315
Amendment dated: September 23, 2003
Reply to Office Action of July 22, 2003

Listing of Claims:

- 1 1. (Original) A liquid masking composition comprising:
2 from about 2 to about 50 percent by weight of polyvinylpyrrolidone;
3 a water soluble plasticizer at a polyvinylpyrrolidone to plasticizer ratio of
4 between about 0.5 to 1 to about 5 to 1;
5 from 0 to about 8 percent by weight of at least one surfactant;
6 from 0 to less than 16 percent by weight of a saccharide; and
7 sufficient water to total 100 percent by weight.
- 1 2. (Amended) A liquid masking composition, as set forth in claim 1, wherein said
2 plasticizer is ~~selected from the group consisting of polyhydroxyalcohols~~ a
3 polyhydroxyalcohol.
- 1 3. (Original) A liquid masking composition, as set forth in claim 2, wherein said
2 plasticizer is glycerine.
- 1 4. (Original) A liquid masking composition, as set forth in claim 1, wherein said
2 polyvinylpyrrolidone has a molecular weight distribution between about 200,000
3 and about 500,000.
- 1 5. (Original) A liquid masking composition, as set forth in claim 4, wherein said
2 liquid masking composition comprises from about 3 to about 10 percent by weight
3 polyvinylpyrrolidone.
- 1 6. (Original) A liquid masking composition, as set forth in claim 1, wherein said
2 surfactant is selected from the group consisting of nonionic, amphoteric and
3 anionic surfactants having a hydrophilic-lipophilic value of about 9 to 14.

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- 1 7. (Original) A liquid masking composition, as set forth in claim 6, wherein said
2 surfactant is selected from the group consisting of amphoteric surfactants, silicone
3 surfactants, and mixtures thereof.
- 1 8. (Original) A liquid masking composition, as set forth in claim 1, further
2 comprising at least one thickening agent selected from the group consisting of
3 polyacrylates, magnesium silicates, polyvinyl alcohol, fumed silicas, guar gum, and
4 hydroxymethylcellulose.
- 1 9. (Original) A liquid masking composition, as set forth in claim 8, wherein said at
2 least one thickening agent is present in an amount up to about 8 percent by
3 weight with the proviso that polyvinyl alcohol may be present in an amount up to
4 2.4 percent by weight.
- 1 10. (Original) A liquid masking composition, as set forth in claim 9, wherein said at
2 least one thickening agent is a polyacrylate.
- 1 11. (Original) A liquid masking composition, as set forth in claim 1, wherein said
2 plasticizer is glycerine, said surfactant is at least one compound selected from the
3 group consisting of silicone surfactants, amphoteric surfactants, and mixtures
4 thereof, and additionally comprising a polyacrylate thickener in an amount up to
5 about 2 percent by weight.
- 1 12. (Withdrawn) A method for protecting selected surfaces from paint in painting
2 operations comprising:
3 applying a liquid masking composition to selected surfaces of an object where
4 paint subsequently applied is not desired;

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5 allowing said liquid masking composition to dry, forming a film;
6 painting said object, whereby surfaces carrying said film are protected from
7 the application of paint; and
8 removing said film, wherein said liquid masking composition comprises:
9 from about 2 to about 50 percent by weight of polyvinylpyrrolidone;
10 a water soluble plasticizer at a polyvinylpyrrolidone to plasticizer ratio of
11 between about 0.5 to 1 to about 5 to 1;
12 from 0 to about 8 percent by weight of at least one surfactant;
13 from 0 to less than 16 percent by weight of a saccharide; and
14 sufficient water to total 100 percent by weight.

1 13. (Withdrawn) A method for protecting selected surfaces from paint, as set forth in
2 claim 12, wherein said plasticizer is selected from the group consisting of
3 polyhydroxyalcohols.

1 14. (Withdrawn) A method for protecting selected surfaces from paint, as set forth in
2 claim 13, wherein said plasticizer is glycerine.

1 15. (Withdrawn) A method for protecting selected surfaces from paint, as set forth in
2 claim 12, wherein said surfactant is selected from the group consisting of
3 nonionic, amphoteric and anionic surfactant having a hydrophilic-lipophilic value
4 of about 9 to 14.

1 16. (Withdrawn) A method for protecting surfaces from paint, as set forth in claim 15,
2 wherein said surfactant is selected from the group consisting of amphoteric
3 surfactants, silicone surfactants, and mixtures thereof.

1 17. (Withdrawn) A method of protecting selected surfaces from paint, as set forth in

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2 claim 12, wherein the liquid masking composition further comprises at least one
3 thickening agent selected from the group consisting of polyacrylates, magnesium
4 silicates, polyvinyl alcohol, fumed silicas, guar gum, and hydroxymethylcellulose.

1 18. (Withdrawn) A method for protecting selected surfaces from paint, as set forth in
2 claim 17, wherein said at least one thickening agent is present in an amount up
3 to about 8 percent by weight, with the proviso that polyvinyl alcohol may be
4 present in an amount up to 2.4 percent by weight.

1 19. (Withdrawn) A method for protecting selected surfaces from paint, as set forth in
2 claim 18, wherein said at least one thickening agent is a polyacrylate.

1 20. (Withdrawn) A method for protecting selected surfaces from paint, as set forth in
2 claim 12, wherein said liquid masking composition further comprises:
3 from about 3 to about 10 percent by weight of said polyvinylpyrrolidone;
4 from about 1 to about 10 percent by weight of glycerine;
5 from 0 to about 2 percent by weight of a polyacrylate thickening agent;
6 from about 0.5 to about 2 percent by weight of an amphoteric surfactant;
7 from about 0.1 to about 1 percent by weight of a silicone surfactant; and
8 sufficient water to total 100 percent by weight.

1 21. (Withdrawn) A method for protecting selected surfaces of goods from the
2 deposition of dirt, oil, grease, air pollutants, acid rain, vehicle exhaust, soot,
3 rubber or asphalt pieces, road tar, or other contaminants, comprising:
4 applying a liquid masking composition to selected surfaces of a good to be
5 protected;
6 allowing said liquid masking composition to dry, forming a film;
7 exposing said object to potential contamination, whereby surfaces carrying

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8 said film are protected from the deposition of dirt, oil, grease, air pollutants, acid
9 rain, vehicle exhaust, soot, rubber or asphalt pieces, road tar, or other
10 contaminants; and
11 removing said film,
12 wherein said liquid masking composition comprises:
13 from about 2 to about 50 percent by weight of polyvinylpyrrolidone;
14 a water soluble plasticizer at a polyvinylpyrrolidone to plasticizer ratio of
15 between about 0.5 to 1 to about 5 to 1;
16 from 0 to about 8 percent by weight of at least one surfactant;
17 from 0 to less than 16 percent by weight of a saccharide; and
18 sufficient water to total 100 percent by weight.

1 22. (Withdrawn) The method for protecting surfaces of goods of claim 21, wherein
2 said plasticizer is selected from the group consisting of polyhydroxyalcohols.

1 23. (Withdrawn) The method for protecting surfaces of goods of claim 22, wherein
2 said plasticizer is glycerine.

1 24. (Withdrawn) The method of protecting surfaces of goods of claim 21, wherein said
2 liquid masking compound further comprises at least one thickening agent selected
3 from the group consisting of polyacrylates, magnesium silicates, polyvinyl alcohol,
4 fumed silicas, guar gum, and hydroxymethylcellulose.

1 25. (Withdrawn) The method for protecting surfaces of goods of claim 21, wherein
2 said surfactant is selected from the group consisting of nonionic, amphoteric and
3 anionic surfactant having a hydrophilic-lipophilic value of about 9 to 14.

1 26. (Withdrawn) The method for protecting surfaces of goods of claim 25, wherein

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2 said surfactant is selected from the group consisting of amphoteric surfactants,
3 silicone surfactants and mixtures thereof.

1 27. (Withdrawn) The method for protecting surfaces of goods of claim 21, wherein
2 said liquid masking composition further comprises:
3 from about 3 to about 10 percent by weight of said polyvinylpyrrolidone;
4 from about 1 to about 10 percent by weight of glycerine;
5 from 0 to about 2 percent by weight of a polyacrylate thickening agent;
6 from about 0.5 to about 2 percent by weight of an amphoteric surfactant;
7 from about 0.1 to about 1 percent by weight of a silicone surfactant; and
8 sufficient water to total 100 percent by weight.

1 28. (Withdrawn) The method for protecting surfaces of goods of claim 21, wherein the
2 goods to be protected are motor vehicles.

1 29. (New) A liquid masking composition, as set forth in claim 1, wherein said
2 composition is devoid of saccharides.